

Serial No. 10/584,465

Docket No. K-0820

Amendment dated August 5, 2010

Reply to Office Action of April 7, 2010

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A compressor, comprising:
 - a cylinder block that compresses, discharges, and draws refrigerant;
 - a piston that reciprocates inside of the cylinder block;
 - a crank shaft that rotates as the crank shaft receives a torque from an electric driving part, the crank shaft having an eccentric part at an end thereof;
 - a connecting rod having one end coupled to the piston and another end coupled to the eccentric part at the crank shaft, that converts a rotating movement of the crank shaft into a linear movement that moves the piston; and
 - ~~a supplementary torque providing part, wherein compression, extension, and restoration of the supplementary torque providing part are made along a direction of movement of the piston, wherein the connecting rod includes a first connecting part connected to the piston and a second connecting part connected to the eccentric part at the crank shaft, and wherein the supplementary torque providing part includes a first elastic member provided between the first connecting part and the second connecting part, and having opposite ends connected to the first connecting part and the second connecting part, respectively, to form an outer circumferential~~

Serial No. 10/584,465

Docket No. K-0820

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surface, and a second elastic member fitted inside of the first elastic member, wherein the first and second elastic members are bent in compression and re-expansion of the refrigerant.

2.-18. (Canceled).

19. (Previously Presented) The compressor as claimed in claim 1, wherein the first connecting part and the second connecting part include a first holder and a second holder, respectively, at opposite surfaces thereof, and the second elastic member includes enlarged ends at opposite ends thereof that prevent breaking away of the second elastic member when the enlarged ends are held in the first and second holders, respectively.

20. (Previously Presented) The compressor as claimed in claim 19, wherein the first holder and the second holder include spaces formed larger than the enlarged ends that respectively hold the enlarged ends.

21. (Previously Presented) The compressor as claimed in claim 19, wherein the first holder and the second holder include fitting steps configured to receive the first elastic member, respectively.

Serial No. 10/584,465

Docket No. K-0820

Amendment dated August 5, 2010

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22. (Previously Presented) The compressor as claimed in claim 1, wherein the first elastic member is a coil spring.

23. (Previously Presented) The compressor as claimed in claim 1, wherein the first elastic member is connected to the first and second connecting parts of the connecting rod by forming a plurality of projections on outside surfaces of the first and second connecting parts along a length direction thereof, respectively, and wherein opposite ends of the first elastic member are held between the plurality of projections.

24. (Currently Amended) The compressor as claimed in claim 19, wherein the first second elastic member includes at least one of a flexible bar[[,]] or a flexible plate.

25. (Currently Amended) The compressor as claimed in claim 19, wherein the second elastic member includes at least one of a plate spring, or a coil spring.

26. (Previously Presented) The compressor as claimed in claim 19, wherein the first and second connecting parts of the connecting rod are connected to the second elastic member by a fastening member.

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27. (Previously Presented) The compressor as claimed in claim 20, wherein the first holder and the second holder include spaces formed larger than a diameter of the enlarged ends.

28. (Currently Amended) The compressor as claimed in claim 27, wherein the first holder and the second holder include spaces formed larger than a diameter of the enlarged ends by a certain amount, thereby leaving a predetermined gap between the enlarged ends and the first holder and the second holder, respectively.

29. (Currently Amended) The compressor as claimed in claim ~~23~~ 22, wherein the coil spring is connected to the first and second connecting parts of the connecting rod by forming at least two projections on outside surfaces of the first and second connecting parts along a length direction thereof respectively, and holding opposite ends of the coil spring between the projections.

30. (Previously Presented) The compressor as claimed in claim 26, wherein the fastening member comprises a bolt, a screw, or a rivet.

31. (Previously Presented) The compressor as claimed in claim 19, wherein the first and second connecting parts of the connecting rod are connected to the second elastic member by welding.